

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to Mail Stop Issue Fee, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on March 21, 2006.

Date: March 21, 2006


Georgann S. Grunebach, Reg. No. 33,179PATENT
PD-200107

Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: March 21, 2006
KAR YUNG et al. : Group Art Unit: 2638
Serial No.: 09/669,095 : Examiner: Williams, Lawrence B.
Filing Date: September 25, 2000 :
For: COHERENT PHASE SYNCHRONOUS CODE DIVISION MULTIPLE ACCESS
COMMUNICATIONS FROM MULTIPLE TRANSPOND PLATFORMS

REQUEST FOR STATUS

Mail Stop Issue Fee
Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

1. A Notice of Allowance and Fee(s) Due dated May 24, 2005 was received by Applicants on May 26, 2005 (Exhibit A).
2. Payment of the Issue Fee was submitted to the United States Patent and Trademark Office on June 6, 2005 (Exhibit B) via facsimile with certification under 37 CFR 1.8.
3. The Issue Fee payment in the amount of \$1400 was withdrawn from Applicant's Deposit Account No. 50-0383 on June 7, 2005 (Exhibit C).

BEST AVAILABLE COPY

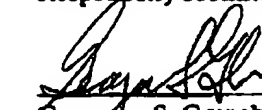
Serial No. 09/669,095

Page 2

4. A Supplemental Notice of Allowability dated September 15, 2005 was received by Applicants on September 22, 2005 (Exhibit D).
5. To date, Applicants have not yet received the Issue Notification for the above matter.

Applicants respectfully requests that the undersigned be provided with the status of the application.

Respectfully submitted,



Georgann S. Grunebach
Attorney for Applicants

The DIRECTV Group, Inc.
RE/R11/A109
2250 E. Imperial Highway
P. O. Box 956
El Segundo CA 90245

Telephone No. (310) 964-4615



Chen Jun

P & L LEGAL

011/014

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSU. FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSU FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed with appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

05/24/2005

Hughes Electronics Corporation
Corporate Patents & Licensing
P.O. Box 956
Bldg. R11, Mail Station A109
El Segundo, CA 90245-0956

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSU FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Georgann S. Grunebach (Depositor's name)
Georgann S. Grunebach (Signature)
June 6, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/669,093	09/25/2000	Kar Yung	FD-200107	3450

TITLE OF INVENTION: COHERENT PHASE SYNCHRONOUS CODE DIVISION MULTIPLE ACCESS COMMUNICATIONS FROM MULTIPLE TRANSPOND PLATFORMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	08/24/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WILLIAMS, LAWRENCE B	2634	375-145000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Georgann S. Grunebach

2. _____

3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The DIRECTV Group, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

El Segundo, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 50-038 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Georgann S. Grunebach*Date June 6, 2005

Typed or printed name

Georgann S. Grunebach

Registration No. 33,179

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

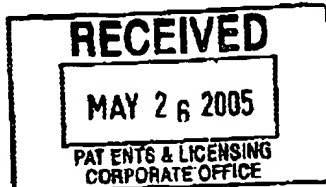
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

 7590 05/24/2005
 Hughes Electronics Corporation
 Corporate Patents & Licensing
 P.O. Box 956
 Bldg. R11, Mail Station A109
 El Segundo, CA 90245-0956


EXAMINER

WILLIAMS, LAWRENCE B

ART UNIT

PAPER NUMBER

2534

DATE MAILED: 05/24/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/669,095

09/25/2000

Kar Yung

PD-200107

3450

TITLE OF INVENTION: COHERENT PHASE SYNCHRONOUS CODE DIVISION MULTIPLE ACCESS COMMUNICATIONS FROM MULTIPLE TRANSPOND PLATFORMS

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional

NO

\$1400

\$0

\$1400

08/24/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



Notice of Allowability

Application No.

09/669,095

Examiner

Lawrence B Williams

Applicant(s)

YUNG ET AL

Art Unit

2634

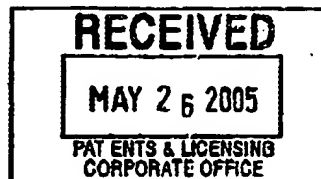
-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 28 March 2005.
2. ☒ The allowed claim(s) is/are 1-16, 19, renumbered as 1-17, respectively.
3. ☒ The drawings filed on 02 September 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____



Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-848) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-848)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Application/Control Number: 09/669,095
Art Unit: 2634

Page 2

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance. The instant application discloses a method and apparatus for coherent phase synchronous CDMA communications between a gateway and multiple subscribers. A search of prior art records has failed to disclose a method for coherent phase synchronous CDMA communications between a gateway and multiple subscribers comprising the step of, "synchronizing a local reference clock for each subscriber in a service area to a single master reference clock wherein the distance separating the transponder platforms is within a range and wherein the local reference clocks for all subscribers have substantially the same clock phase with respect to the master reference clock and transmitting delayed CDMA message signals from the gateway to an intended subscriber via each of the multiple transponder platforms with respective delays so that the intended subscriber receives the message signals with different carrier signal phases" as discloses in claim 1. Neither does the prior art teach an apparatus for coherent phase synchronous CDMA communications between a gateway and multiple subscribers comprising, "a propagation parameter calculator for calculating message signal propagation parameters from the return link CDMA signals; and a transmitter transmitting the synchronous CDMA message signals to an intended subscriber via each of the multiple transponder platforms with respective delays so that an intended subscriber receives the message with the same carrier signal phase and an unintended subscriber receives the message signals with different carrier signal phases" as disclosed in claim 12.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

Application/Control Number: 09/669,095

Page 3

Art Unit: 2634

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence B Williams whose telephone number is 571-272-3037. The examiner can normally be reached on Monday-Friday (8:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on 571-272-3056. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lawrence B. Williams

lbw
May 10, 2005


AMANDA T. LE
PRIMARY EXAMINER

Auto-Reply Facsimile Transmission

TO: Fax Sender at 310 964 0842

Fax Information

Date Received:

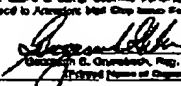
Total Pages:

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2 (including cover page)

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Received
Cover
Page
=====>

03/21/2006 16:14 FAX 310 964 0842		WILKINSON DIV.		0001	
FAX COVER SHEET					
PLEASE CONFIRM RECEIPT OF THIS FACSIMILE					
Attention: MAIL STOP ISSUE FEE COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450			Fax: (703) 745-4000		
Pages: Cover + 1 = 2			Date: June 6, 2005		
From: Georgiana S. Grunbach Assistant General Counsel			Fax: (310) 964-0941 Phone: (310) 964-4615		
<p>The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original message to us at the address below via the U.S. Postal Service. Thank you.</p>					
CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8					
<p>I hereby certify that the communication identified above is being transmitted to 750-745-4000 (Office Faxline number for USPTO P&L) on June 6, 2005, addressed to Assistant Vice-Chief Counsel, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>					
 Georgiana S. Grunbach, Reg. No. 26,179 (Typed Name of Originator)			June 6, 2005 (Date of Signature)		
Attention: Commissioner for Patents					
Please find attached Re: 09/669,095					
> TRANSMITTAL COVER FOR ISSUE FEE > PART B - FEE TRANSMITTAL					
PLEASE CONFIRM RECEIPT OF THIS FACSIMILE					
If you do not receive all pages, or pages are not clear, please call Karen Lee at (310) 654-0771.					
The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 954, 2250 E. Imperial Highway Costa Mesa, CA 92626-0954					



*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 1887
CONNECTION TEL 17037464000
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CONNECTION ID
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FAX COVER SHEET



PLEASE CONFIRM RECEIPT OF THIS FACSIMILE

Attention: MAIL STOP ISSUE FEE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Fax: (703) 746-4000

Pages: Cover + 1 = 2

Date: June 6, 2005

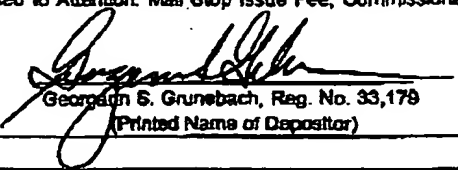
From: Georgann S. Grunebach
Assistant General Counsel

Fax: (310) 964-0941
Phone: (310) 964-4615

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that the correspondence identified above is being facsimile transmitted to 703-746-4000 (Office Facsimile Number for ISSUE FEE), on June 6, 2005, addressed to Attention: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

June 6, 2005
(Date of Signature)



FAX COVER SHEET



PLEASE CONFIRM RECEIPT OF THIS FACSIMILE

Attention: MAIL STOP ISSUE FEE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Fax: (703) 746-4000

Pages: Cover + 1 = 2

Date: June 6, 2005

From: Georgann S. Grunebach

Fax: (310) 964-0941

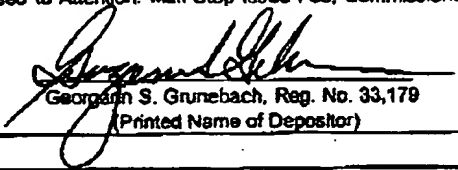
Assistant General Counsel

Phone: (310) 964-4615

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

June 6, 2005
(Date of Signature)

Attention: Commissioner for Patents

Please find attached Re: 09/669,095

- > TRANSMITTAL COVER FOR ISSUE FEE
- > PART B - FEE TRANSMITTAL

PLEASE CONFIRM RECEIPT OF THIS FACSIMILE

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 956, 2250 E. Imperial Highway
El Segundo, CA 90245-0956



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/669,095	09/25/2000	Kai Yang	PD-200107	3450

7590 09/15/2005

Hughes Electronics Corporation
 Corporate Patents & Licensing
 P.O. Box 956
 Bldg. R11, Mail Station A109
 El Segundo, CA 90245-0956

EXAMINER
 WILLIAMS, LAWRENCE B

ART UNIT	PAPER NUMBER
2638	

DATE MAILED: 09/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



Supplemental Notice of Allowability

Application No.

09/689,095

Examiner

Lawrence B Williams

Applicant(s)

YUNG ET AL.

Art Unit

2834

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address—
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 28 March 2005.
2. ☒ The allowed claim(s) is/are 1-8, 11-16, 19, renumbered as 1-16, respectively.
3. ☒ The drawings filed on 02 September 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Deposit Account Statement

Page 1 of 2



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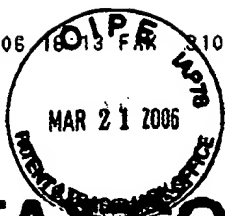
MAR 21 2006

Deposit Account Statement

Requested Statement Month: June 2005
 Deposit Account Number: 500383
 Name: HUGHES ELECTRONICS CORP
 Attention: KAREN L LUM
 Address: BLDG RE/R11/A109
 City: EL SEGUNDO
 State: CA
 Zip: 90245-0956
 Country: UNITED STATES OF AMERICA

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
06/01	80	08620773	PD-200044	1801	\$790.00	\$93,631.00
06/02	206	09721353	PD-200157	1501	\$1,400.00	\$92,231.00
06/03	6	09590417	PD-990142	1402	\$500.00	\$91,731.00
06/03	10	09732498	PO-200153A	1401	\$500.00	\$91,231.00
06/03	10	09733229	PD-200154B	1801	\$790.00	\$90,441.00
06/03	11	09950511	PD-970259	1201	\$1,200.00	\$89,241.00
06/03	13	09733229	PD-200154B	1251	\$120.00	\$89,121.00
06/03	55	09732498	PO-200153A	1401	\$500.00	\$88,621.00
06/03	572	PCT/US05/18564	PD-204035	1801	\$300.00	\$88,321.00
06/03	573	PCT/US05/18564	PD-204035	1802	\$1,000.00	\$87,321.00
06/03	574	PCT/US05/18564	PD-204035	1702	\$1,211.00	\$86,110.00
06/03	575	PCT/US05/18564	PD-204035	1703	\$221.00	\$85,889.00
06/03	576	PCT/US05/18564	PD-204035	8007	\$60.00	\$85,829.00
06/06	65	10012950	PD-200356	1201	\$200.00	\$85,629.00
06/07	3	09858387	PD-201008A	1806	\$180.00	\$85,449.00
06/07	96	09550505	PD-990185	1501	\$1,400.00	\$84,049.00
06/07	97	09587759	PD-200067	1501	\$1,400.00	\$82,649.00
06/07	100	09669095	PD-200107	1501	\$1,400.00	\$81,249.00
08/08	315	11144976	PD-200124C	1011	\$300.00	\$80,949.00
08/08	316	11144976	PD-200124C	1111	\$500.00	\$80,449.00
08/08	317	11144976	PD-200124C	1311	\$200.00	\$80,249.00
08/09	62	09611750	PD-200094	1251	\$120.00	\$80,129.00
08/09	63	09611750	PD-200094	1401	\$500.00	\$79,629.00
08/09	67	09607706	10547-009-99	1401	\$500.00	\$79,129.00
08/09	92	10464950	PD-2001124B	1501	\$1,400.00	\$77,729.00
08/09	93	10464950	PD-2001124B	1504	\$300.00	\$77,429.00
06/10	1	09688609	PD-990304	1402	\$500.00	\$76,929.00
06/13	101	09844920	PD-201030A	1806	\$180.00	\$76,749.00
06/13	102	09564082	PD-200027	1806	\$180.00	\$76,569.00
08/13	110	11103307	PD-204013	1051	\$130.00	\$76,439.00

EXHIBIT



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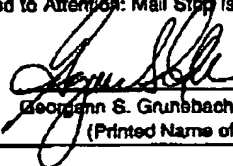
From: Georgann S. Grunebach
Assistant General Counsel

Fax: (310) 964-0941
Phone: (310) 964-4615

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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

March 21, 2006
(Date of Signature)

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Attorney Docket No. PD-200107

Serial No.: 09/669,095

Filing Date: September 25, 2000

- REQUEST FOR STATUS OF ISSUE NOTIFICATION (2 pages)
- NOTICE OF ALLOWANCE AND FEE(S) DUE DATED MAY 24, 2005 - EXHIBIT A (4 pages)
- PAYMENT OF ISSUE FEE DATED JUNE 8, 2005 WITH USPTO AUTO-REPLY - EXHIBIT B (4 pages)
- SUPPLEMENTAL NOTICE OF ALLOWABILITY DATED SEPTEMBER 15, 2005 (2 pages)
- WITHDRAWAL OF ISSUE FEE AMOUNT OF \$1400 FROM DEPOSIT ACCOUNT - EXHIBIT C (1 page)

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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/669,095	9/25/00	Kar Yung	PD-200107

EXAMINER	
Lawrence William	
ART UNIT	PAPER NUMBER
2638	

Date: 3/30/06
To: Georgann Grunebach
Fax: _____
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- ☐ 1. A Notice of Allowance for the above identified application was mailed on _____.
- ☐ 2. The above identified application has been assigned a patent number and issue date. An issue notification will be mailed within _____ weeks.
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- ☐ 4. Your application is currently located in _____.
Please call 703/571 _____ to make further inquiries.
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